

DECLARATION FOR U.S. PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the specification of which is attached hereto unless the following is checked

was filed on _____ as United States Application Number _____ and was filed on _____ as PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a) – (d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed.

(List prior foreign applications. See note A)	Priority Claimed
2001-170435 (Number)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Japan (Country)	06/06/01 (Day/Month/Year Filed)
(Number)	(Country)
(Day/Month/Year Filed)	
(Number)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(Country)	(Day/Month/Year Filed)
(Number)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(Country)	(Day/Month/Year Filed)
(Number)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
(Country)	(Day/Month/Year Filed)

(See note B) See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(List prior U.S. Applications)	Status
PCT/JP02/05635 (Application Serial No.)	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
June 6, 2002 (Filing Date)	
(Application Serial No.)	<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
(Filing Date)	
(Application Serial No.)	<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
(Filing Date)	
(Application Serial No.)	<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
(Filing Date)	

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number: 38834

Please direct all communications to the following address:

Westerman, Hattori, Daniels & Adrian, LLP
1250 Connecticut Avenue, N.W., Suite 700, Washington, D.C. 20036

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(See note C) Full name of sole or first inventor (given name, family name)
Inventor's signature Hisatoshi Hirota Date 22. 10. 2003
Residence Tokyo, Japan Citizenship Japan
Post Office Address c/o TGK CO., LTD., 1211-4, Kunugida-cho, Hachioji-shi, Tokyo 193-0942 Japan

Full name of second inventor (given name, family name)
Inventor's signature Tomokazu Nakazawa Date Oct. 22. 2003
Residence Tokyo, Japan Citizenship Japan
Post Office Address c/o TGK CO., LTD., 1211-4, Kunugida-cho, Hachioji-shi, Tokyo 193-0942 Japan

Full name of third inventor (given name, family name)
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of fourth inventor (given name, family name)
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of fifth inventor (given name, family name)
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Full name of sixth inventor (given name, family name)
Inventor's signature _____ Date _____
Residence _____ Citizenship _____
Post Office Address _____

Attorney Docket No. 032081

U.S. DEPARTMENT OF COMMERCE
Mail Stop Assignment Recordation Services
Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: New

Conveyance type: Assignment

Conveying Party(ies): *(Last, First, Middle Initial)* Execution Date

First party Name: **HIROTA, Hisatoshi** *October 22, 2003*

Second party Name: **NAKAZAWA, Tomokazu** *October 22, 2003*

Third party Name:

Fourth party Name:

Fifth party Name:

Additional name(s) of conveying party(ies) attached? Yes No

Receiving Party (ies):

First party Name: **TGK CO., LTD.**
Address: **1211-4, Kunugida-cho, Hachioji-shi, Tokyo 193-0942 Japan**

Additional name(s) & address(es) attached? Yes No

Domestic Representative Name and Address *(Enter for the first Receiving Party only)*

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
1250 Connecticut Avenue, N.W., Suite 700
Washington, D.C. 20036
Customer No.: 38834

For Office Use Only

17858 U.S. PTO
10/700462



Correspondent Name and Address Telephone: 202-882-1100
 WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
 1250 Connecticut Avenue, N.W., Suite 700
 Washington, D.C. 20036

Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX
A. Patent Application No.(s) B. Patent No.(s)
 ## ##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: October 22, 2003
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT) PCT _____
 Enter PCT application number only if PCT _____
 a U.S. Application Number has not been assigned PCT _____

Number of Properties Enter the total number of properties involved: 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). . . . \$40.00

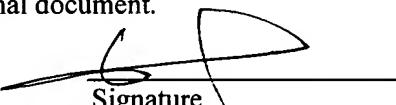
XX Enclosed

 Authorized to be charged to Deposit Account No.: 50-2866

Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ken-Ichi Hattori
 Name of Person Signing



Signature

November 5, 2003
 Date

32,861
 Registration No.

Rev. 11/00

KH/yap

U.S. ASSIGNMENT

(Insert ASSIGNEE's Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
TGK CO., LTD.

1211-4, Kunugida-cho, Hachioji-shi, Tokyo 193-0942 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

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(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____.

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

(Signatures)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

Hisatoshi Hirota
(Signature)

Hisatoshi HIROTA
(Type Name)

Oct. 22, 2003
~~Oct. 22, 2003~~
(Date)

Tomokazu Nakazawa
(Signature)

Tomokazu NAKAZAWA
(Type Name)

Oct. 22, 2003
(Date)

_____ (Signature)

_____ (Type Name)

_____ (Date)

NO LEGALIZATION REQUIRED